Register your product and get support at

www.philips.com/welcome

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1 Important

Read and understand all instructions before you use your product. If damage is caused by failure to follow instructions, the warranty does not apply.

Safety

Risk of electric shock or fire!

- Never expose the product and accessories to rain or water. Never place liquid containers, such as vases, near the product. If liquids are spilt on or into the product, disconnect it from the power socket immediately. Contact Philips Consumer Care to have the product checked before use.
- Never place the product and accessories near naked flames or other heat sources, including direct sunlight.
- Never insert objects into the ventilation slots or other openings on the product.
- Where the mains plug or an appliance coupler is used as the disconnect device, the disconnect device shall remain readily operable.
- Disconnect the product from the power socket before lightning storms.
- When you disconnect the power cord, always pull the plug, never the cable.

Risk of short circuit or fire!

- Before you connect the product to the power socket, ensure that the power voltage matches the value printed on the back or bottom of the product. Never connect the product to the power socket if the voltage is different.

Risk of injury or damage to the home theatre!

- For wall-mountable products, use only the supplied wall mount bracket. Secure the wall mount to a wall that can support the combined weight of the product and the wall mount. Koninklijke Philips Electronics N.V. bears no responsibility for improper wall mounting that result in accident, injury or damage.
- For speakers with stands, use only the supplied stands. Secure the stands to the speakers tightly. Place the assembled stands on flat, level surfaces that can support the combined weight of the speaker and stand.
- Never place the product or any objects on power cords or on other electrical equipment.
- If the product is transported in temperatures below 5°C, unpack the product and wait until its temperature matches room temperature before connecting it to the power socket.
- Visible and invisible laser radiation when open. Avoid exposure to the beam.
- Do not touch the disc optical lens inside the disc compartment.
- Parts of this product may be made of glass. Handle with care to avoid injury and damage.

Risk of overheating!

- Never install this product in a confined space. Always leave a space of at least four inches around the product for ventilation. Ensure curtains or other objects never cover the ventilation slots on the product.

Risk of contamination!

- Do not mix batteries (old and new or carbon and alkaline etc.).
- Danger of explosion if batteries are incorrectly replaced. Replace with the same or equivalent type only.
- Remove batteries if they are exhausted or if the remote control is not to be used for a long time.
- Batteries contain chemical substances; they should be disposed of properly.

Risk of swallowing batteries!

- The product/remote control may contain a coin/button-type battery, which could be swallowed. Keep the battery out of reach of children at all times! If swallowed, the battery can cause serious injury or death. Severe internal burns can occur within two hours of ingestion.
- If you suspect that a battery has been swallowed or placed inside any part of the body, seek immediate medical attention.
- When you change the batteries, always keep all new and used batteries out of reach of children. Ensure that the battery compartment is completely secure after you replace the battery.
- If the battery compartment cannot be completely secured, discontinue use of the product. Keep out of reach of children and contact the manufacturer.

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Care for your product

- Do not insert any objects other than discs into the disc compartment.
- Do not insert warped or cracked discs into the disc compartment.
- Remove discs from the disc compartment if you are not using the product for an extended period of time.
- Use only microfibre cloth to clean the product.

Care for the environment

Your product is designed and manufactured with high quality materials and components, which can be recycled and reused.

When this crossed-out wheeled bin symbol is attached to a product it means that the product is covered by the European Directive 2002/96/EC. Please inform yourself about the local separate collection system for electrical and electronic products.
Please act according to your local rules and do not dispose of your old products with your normal household waste.
Correct disposal of your old product helps to prevent potential negative consequences for the environment and human health.

Your product contains batteries covered by the European Directive 2006/66/EC, which cannot be disposed of with normal household waste.
Please inform yourself about the local rules on separate collection of batteries because correct disposal helps to prevent negative consequences for the environment and human health.

Help and support

Philips provides extensive online support. Visit our website at www.philips.com/support to:

- download the complete user manual
- print the quick start guide
- watch video tutorials (only available for selected models)
- find answers to frequently answered questions (FAQs)
- email us a question
- chat with our support representative.

Follow the instructions on the website to select your language, and then enter your product model number.
Alternatively, you can contact Philips Consumer Care in your country. Before you contact Philips, note down the model number and serial number of your product. You can find this information on the back or bottom of your product.

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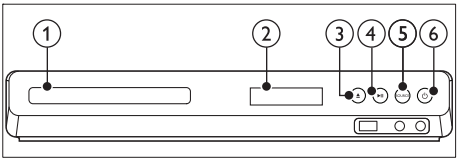
2 Your home theatre

Congratulations on your purchase, and welcome to Philips! To fully benefit from the support that Philips offers, register your product at www.philips.com/welcome.

Main unit

This section includes an overview of the main unit.

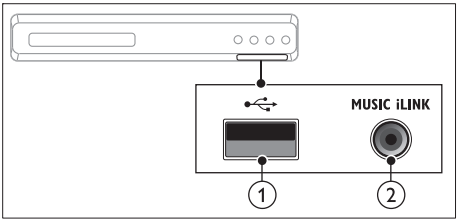


1. **Disc compartment**
2. **Display panel**
3. **▲ (Open/Close)**
   Open or close the disc compartment, or eject the disc.
4. **▶II (Play/Pause)**
   Start, pause or resume play.
5. **SOURCE**
   Select an audio or video source for the home theatre.
6. **⏻ (Standby-On)**
   Switch the home theatre on or to standby.

Connectors

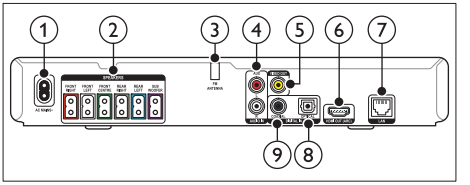
This section includes an overview of the connectors available on your home theatre.

Front connectors



1. **⇤ (USB)**
   Audio, video or picture input from a USB storage device.
2. **MUSIC iLINK**
   Audio input from an MP3 player.

Rear connectors



1. **AC MAINS**
   Connect to the power supply.
2. **SPEAKERS**
   Connect to the supplied speakers and subwoofer.
3. **ANTENNA FM**
   Fixed FM antenna.
4. **AUDIO IN-AUX**
   Connect to an analogue audio output on the TV or an analogue device.
5. **VIDEO OUT**
   Connect to the composite video input on the TV.
6. **HDMI OUT (ARC)**
   Connect to the HDMI input on the TV.
7. **LAN**
   Connect to the LAN input on a broadband modem or router.
8. **DIGITAL IN-OPTICAL**
   Connect to an optical audio output on the TV or a digital device.
9. **DIGITAL IN-COAXIAL**
   Connect to a coaxial audio output on the TV or a digital device.

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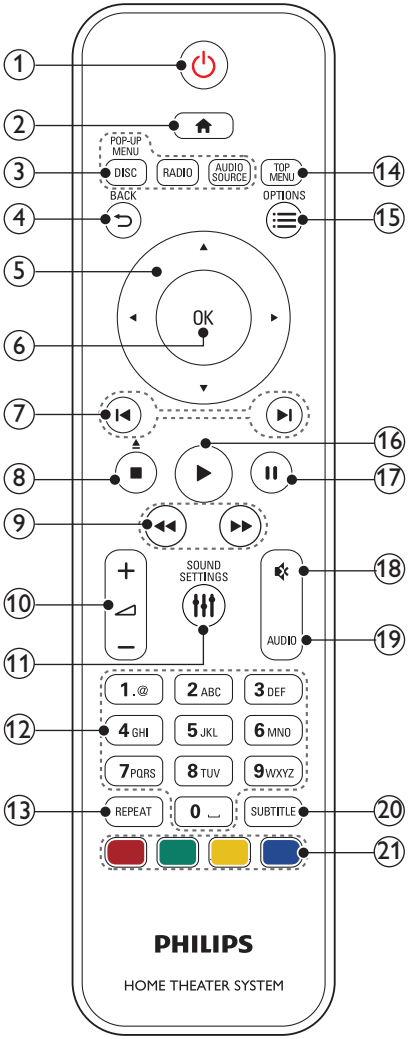
Remote control

This section includes an overview of the remote control.



① (Standby-On)
- Switch the home theatre on or to standby.
- When EasyLink is enabled, press and hold for at least three seconds to switch all connected HDMI CEC compliant devices to standby.

② (Home)
Access the home menu.

③ Source buttons
- **DISC/POP-UP MENU** : Switch to disc source.Access or exit the disc menu when you play a disc.
- **RADIO** : Switch to FM radio.
- **AUDIO SOURCE** : Select an audio input source.

④ BACK
- Return to a previous menu screen.
- In radio mode, press and hold to erase the current preset radio stations.

⑤ Navigation buttons
- Navigate menus.
- In radio mode, press left or right to start auto search.
- In radio mode, press up or down to tune the radio frequency.

⑥ OK
Confirm an entry or selection.

⑦ ⏮ / ⏭ (Previous/Next)
- Skip to the previous or next track, chapter or file.
- In radio mode, select a preset radio station.

⑧ ■ (Stop) / ⏏ (Eject/Open/Close)
- Stop play.
- Press and hold for three seconds to open or close the disc compartment, or eject the disc.

⑨ ◀◀ / ▶▶ (Fast Backward / Fast Forward)
Search backwards or forwards. Press repeatedly to change the search speed.

⑩ +/- (Volume)
Increase or decrease volume.

⑪ SOUND SETTINGS
Access or exit sound options.

⑫ Alphanumeric buttons
Enter values or letters (using SMS-style entry).

⑬ REPEAT
Select or turn off repeat mode.

⑭ TOP MENU
Access the main menu of a disc.

⑮ OPTIONS
- Access more play options while playing a disc or a USB storage device.
- In radio mode, set a radio station.

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⑯ ▶ (Play)
Start or resume play.

⑰ ❚❚ (Pause)
Pause play.

⑱ (Mute)
Mute or restore volume.

⑲ AUDIO
Select an audio language or channel.

⑳ SUBTITLE
Select subtitle language for video.

㉑ Colour buttons
Select tasks or options for Blu-ray discs.

3 Connect and set up

This section helps you connect your home theatre to a TV and other devices, and then set it up. For information about the basic connections of your home theatre and accessories, see the quick start guide. For a comprehensive interactive guide, visit www.connectivityguide.philips.com.

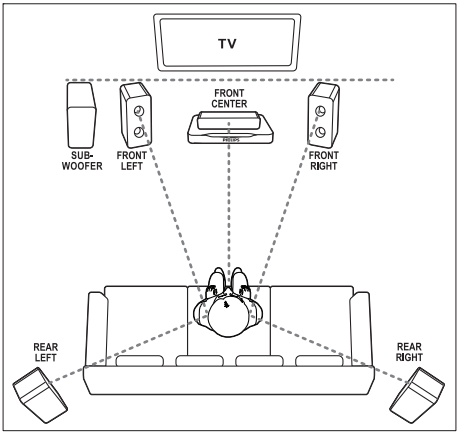
Note

- For identification and supply ratings, see the type plate at the back or bottom of the product.
- Before you make or change any connections, make sure that all devices are disconnected from the socket.

Connect speakers

The speaker cables are colour-coded for easy connection. To connect a speaker to your home theatre, match the colour on the speaker cable to the colour on the connector.

Speaker position plays a critical role in setting up a surround sound effect. For the best effect, position all the speakers towards the seating area and then place them close to and level with your ears (when seated).



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Note

- Surround sound depends on factors such as room shape and size, type of wall and ceiling, windows and reflective surfaces, and speaker acoustics. Experiment with the speaker positions to find the optimum setting for you.

Follow these general guidelines for speaker placement.

1. Seating position:
   This is the centre of your listening area.
2. **FRONT CENTER** (front centre) speaker:
   Place the centre speaker directly in front of the seating position, either above or below your TV.
3. **FRONT LEFT** (front left) and **FRONT RIGHT** (front right) speakers:
   Place the left and right speakers at the front, and at an equal distance from the centre speaker. Make sure that the left, right and the centre speakers are at an equal distance from your seating position.
4. **REAR LEFT** (rear left) and **REAR RIGHT** (rear right) speakers:
   Place the rear surround speakers to the left and right side of your seating position, either in line with it or slightly behind it.
5. **SUBWOOFER** (subwoofer):
   Place the subwoofer at least one metre to the left or right of the TV. Leave about 10-centimetres clearance from the wall.

Connect to TV

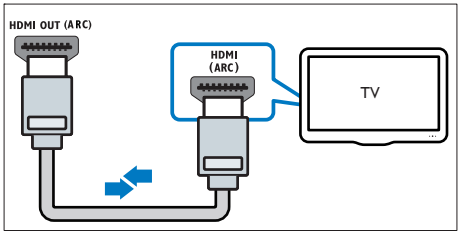
Connect your home theatre to a TV to watch videos. You can listen to the TV audio through your home theatre speakers.
Use the best quality connection available on your home theatre and TV.

Option 1: Connect to TV through HDMI (ARC)

Best quality video

Your home theatre supports HDMI version 1.4 - Audio Return Channel (ARC). If your TV is HDMI ARC compliant, you can hear the TV audio through your home theatre by using a single HDMI cable.

1. Using a High-Speed HDMI cable, connect the **HDMI OUT (ARC)** connector on your home theatre to the **HDMI ARC** connector on the TV.
   - The **HDMI ARC** connector on the TV might be labelled differently. For details, see the TV user manual.
2. On your TV, turn on HDMI-CEC operations. For details, see the TV user manual.
   - If you cannot hear the TV audio through your home theatre, set up the audio manually (see 'Set up the audio' on page 9).



Option 2: Connect to TV through standard HDMI

Best quality video

If your TV is not HDMI ARC-compliant, connect your home theatre to the TV through a standard HDMI connection.

1. Using a High-Speed HDMI cable, connect the **HDMI OUT (ARC)** connector on your home theatre to the **HDMI** connector on the TV.
2. Connect an audio cable to hear the TV audio through your home theatre (see 'Connect audio from TV and other devices' on page 7).
3. On your TV, turn on HDMI-CEC operations. For details, see the TV user manual.
   - If you cannot hear the TV audio through your home theatre, set up the audio manually (see 'Set up the audio' on page 9).

Note

- If your TV has a DVI connector, you can use an HDMI/DVI adapter to connect to TV. However, some of the features may not be available.

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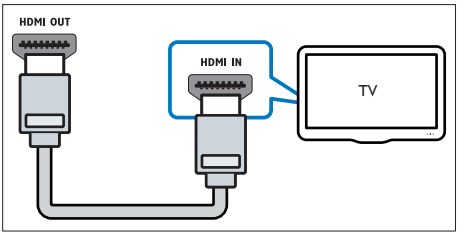


Option 3: Connect to the TV through composite video

Basic quality video

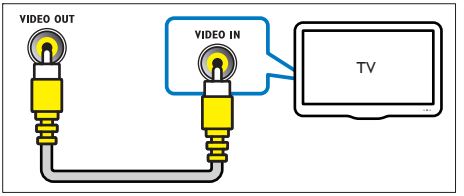
If your TV does not have HDMI connectors, use a composite video connection. A composite connection does not support high-definition video.

1 Using a composite video cable, connect the **VIDEO** connector on your home theatre to the **VIDEO IN** connector on the TV.
   - The composite video connector might be labelled **AV IN**, **COMPOSITE** or **BASEBAND**.

2 Connect an audio cable to hear the TV audio through your home theatre (see 'Connect audio from TV and other devices' on page 7).

3 When you watch TV programmes, press **SOURCE** on your home theatre repeatedly to select the correct audio input.

4 When you watch videos, switch your TV to the correct video input. For details, see the TV user manual.



Connect audio from TV and other devices

Play audio from your TV or other devices through your home theatre speakers.
Use the best quality connection available on your TV, home theatre and other devices.

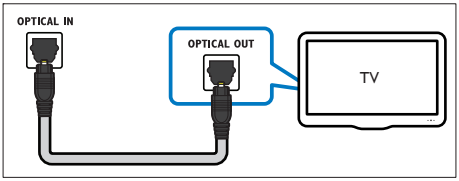
Note

- When your home theatre and TV are connected through HDMI ARC, an audio connection is not required (see 'Option 1: Connect to TV through HDMI (ARC)' on page 6).

Option 1: Connect audio through a digital optical cable

Best quality audio

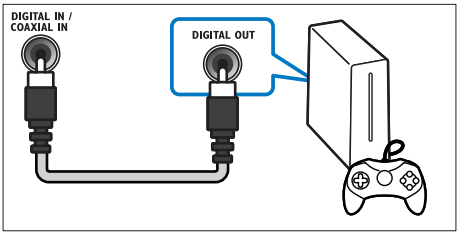
1 Using an optical cable, connect the **OPTICAL** connector on your home theatre to the **OPTICAL OUT** connector on the TV or other device.
   - The digital optical connector might be labelled **SPDIF** or **SPDIF OUT**.



Option 2: Connect audio through a digital coaxial cable

Good quality audio

1 Using a coaxial cable, connect the **COAXIAL** connector on your home theatre to the **COAXIAL/DIGITAL OUT** connector on the TV or other device.
   - The digital coaxial connector might be labelled **DIGITAL AUDIO OUT**.



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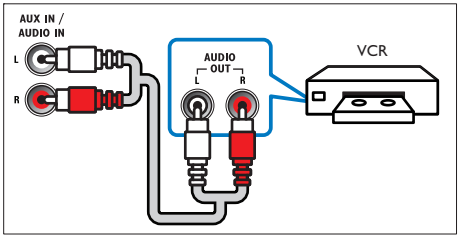
Option 3: Connect audio through analogue audio cables

Basic quality audio

1 Using an analogue cable, connect the **AUX** connectors on your home theatre to the **AUDIO OUT** connectors on the TV or other device.



Set up speakers

Manually set up the speakers to experience customised surround sound.

Before you start

Make the necessary connections described in the quick start guide, and then switch the TV to the correct source for your home theatre.

1 Press ⌂ (**Home**).
2 Select **[Setup]**, and then press **OK**.
3 Select **[Audio]** > **[Speaker Setup]**.
4 Enter the distance for each speaker, and then listen to the test tones and change the volume. Experiment with the speaker positions to find the ideal setting.

Set up EasyLink (HDMI-CEC control)

This home theatre supports Philips EasyLink, which uses the HDMI-CEC (Consumer Electronics Control) protocol. EasyLink-compliant devices that are connected through HDMI can be controlled by a single remote control.

Note

- Depending on the manufacturer, HDMI-CEC is known by many names. For information on your device, see the user manual of the device.
- Philips does not guarantee 100% interoperability with all HDMI-CEC devices.

Before you start

- Connect your home theatre to the HDMI-CEC compliant device through a HDMI connection.
- Make the necessary connections described in the quick start guide, and then switch the TV to the correct source for your home theatre.

Enable EasyLink

1 Press ⌂ (**Home**).
2 Select **[Setup]**, and then press **OK**.
3 Select **[EasyLink]** > **[EasyLink]** > **[On]**.
4 On your TV and other connected devices, turn on HDMI-CEC control. For details, see the user manual of the TV or other devices.
   - On your TV, set the audio output to 'Amplifier' (instead of TV speaker). For details, see the TV user manual.

EasyLink controls

With EasyLink, you can control your home theatre, TV and other connected HDMI-CEC compliant devices with a single remote control.

- **[One Touch Play]** (One-touch play): When a video disc is in the disc compartment, press ▶ (**Play**) to wake up the TV from standby, and then play a disc.
- **[One Touch Standby]** (One-touch standby): If one-touch standby is enabled, your home theatre can switch to standby with the remote control of the TV or other HDMI-CEC devices.
- **[System Audio Control]** (System audio control):If system audio control is enabled, the audio of the connected device is automatically output through your home theatre speakers when you play the device.
- **[Audio Input Mapping]** (Audio input mapping):If system audio control does not work, map the connected device to the correct audio input connector on your home theatre (see 'Set up the audio' on page 9).

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Note

- To change the EasyLink control settings, press ⌂ (**Home**), select **[Setup]** > **[EasyLink]**.

Set up the audio

If you cannot hear the audio output of a connected device through your home theatre speakers, check that you have enabled Easylink on all the devices (see 'Enable EasyLink' on page 8). Then, set up the EasyLink audio control.

1. Press ⌂ (**Home**).
2. Select **[Setup]**, and then press **OK**.
3. Select **[EasyLink]** > **[System Audio Control]** > **[On]**.
   - To play the audio from the TV speakers, select **[Off]** and skip the following steps.
4. Select **[EasyLink]** > **[Audio Input Mapping]**.
5. Follow the onscreen instructions to map the connected device to the audio inputs on your home theatre.
   - If you connect your home theatre to the TV through an HDMI ARC connection, make sure that the TV audio is mapped to the ARC input on your home theatre.

Connect and set up a home network

Connect your home theatre to a home network with Internet access and enjoy:

- YouTube leanback
- Picasa web albums
- BD-Live applications
- Software update

Caution

- Familiarise yourself with the network router and networking principles. If necessary, read documentation that accompanies the network components. Philips is not responsible for lost, damaged or corrupt data.

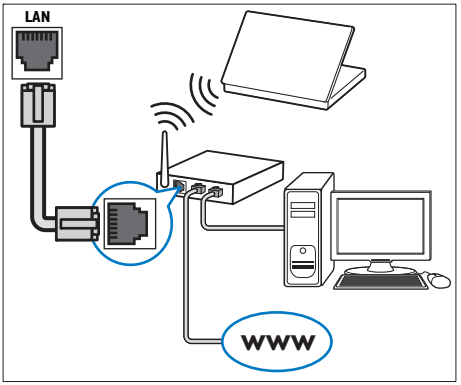
Before you start

- For software updates, make sure that the network router has access to the Internet with high-speed connection and is not restricted by firewalls or other security systems.
- Make the necessary connections described in the quick start guide, and then switch the TV to the correct source for your home theatre.

Set up the wired network

What you need

- A network cable (RJ45 straight cable).
- A network router (with DHCP enabled).



1. Using a network cable, connect the **LAN** connector on your home theatre to the network router.
2. Press ⌂ (**Home**).
3. Select **[Setup]**, and then press **OK**.
4. Select **[Network]** > **[Network Installation]** > **[Wired (Ethernet)]**.
5. Follow the onscreen instructions to complete the setup.
   - If connection fails, select **[Retry]**, and then press **OK**.
6. Select **[Finish]**, and then press **OK** to exit.
   - To view the network settings, select **[Setup]** > **[Network]** > **[View Network Settings]**.

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4 Use your home theatre

This section helps you use the home theatre to play media from a wide range of sources.

Before you start

- Make the necessary connections described in the Quick start guide and the user manual.
- Switch the TV to the correct source for the home theatre.

Access the home menu

The home menu provides easy access to connected devices, setup and other useful features in your home theatre.

1. Press ⌂ (**Home**).
   ↳ The home menu is displayed.
2. Press the **Navigation buttons** and **OK** to select the following:
   - **[play disc]**: Start disc play.
   - **[Browse USB]**: Access the USB content browser
   - **[Picasa]**: Access Picasa web albums.
   - **[YouTube]**: Access YouTube Leanback page.
   - **[Setup]**: Access menus to change video, audio and other settings.
3. Press ⌂ (**Home**) to exit.

Discs

Your home theatre can play DVDs, VCDs, CDs and Blu-ray discs. It can also play discs that you've made at home, such as CD-R discs of photos and music.

1. Insert a disc into the home theatre.
2. If the disc does not play automatically, press **DISC** or select **[play Disc]** from the home menu.
3. Use the remote control to control play (see 'Remote control' on page 4).
   - It is normal to hear a slight noise when you play a Blu-ray disc. This does not mean that your home theatre is faulty.

Play buttons

Button	Action
Navigation buttons	Navigate menus.
OK	Confirm an entry or selection.
▶ (Play)	Start or resume play.
❚❚	Pause play.
■	Stop play.
⏮ / ⏭	Skip to the previous or next track, chapter or file.
◀◀ / ▶▶	Fast reverse or fast forward. Press repeatedly to change the search speed.
AUDIO	Select an audio language or channel.
SUBTITLE	Select subtitle language for video.
DISC/ POP-UP MENU	Access or exit the disc menu.
☰ OPTIONS	Access the advanced options when you play your audio, video or media files (see 'Audio, video and picture options' on page 12).
REPEAT	Select or turn off repeat mode.

Synchronise picture and sound

If the audio and video are not synchronised, delay the audio to match the video.

1. Press ♫ **SOUND SETTINGS**.
2. Select **AUD SYNC**, and then press **OK**.
3. Press the **Navigation buttons** (up/down) to synchronise the audio with the video.
4. Press **OK** to confirm.

Bonus View on Blu-ray

On Blu-ray discs that support the Bonus View, enjoy extra content such as commentaries in a small screen window. Bonus View is also known as picture-in-picture.

1. Enable Bonus View in the Blu-ray disc menu.
2. While you play the movie, press **OPTIONS**.
   ↳ The options menu is displayed.
3. Select **[PIP Selection]** > **[PIP]**.
   - Depending on the video, PIP menu [1] or [2] is displayed.
   - To disable Bonus View, select **[Off]**.

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4 Select **[2nd Audio Language]** or **[2nd Subtitle Language]**.

5 Select the language, and then press **OK**.

BD-Live on Blu-ray

Access additional features on the Blu-ray discs with BD-Live content, such as Internet chats with the director, the latest movie trailers, games, wallpaper and ringtones.
BD-Live services and content vary from disc to disc.

What you need

- Blu-ray disc with BD-Live content
- a USB storage device, with at least 1 GB of memory

1 Connect your home theatre to a home network with Internet access (see 'Connect and set up a home network' on page 9).

2 Connect a USB storage device to your home theatre.

3 Press ⌂ (**Home**) and select **[Setup]**.

4 Select **[Advanced]** > **[BD-Live Security]** > **[Off]** to enable BD-Live.
- To disable BD-Live, select **[On]**.

5 Select the BD-Live icon in the disc menu, and then press **OK**.
↳ BD-Live starts to load. The loading time depends on the disc and your Internet connection.

6 Press the **Navigation buttons** to navigate BD-Live, and then press **OK** to select an option.

Note

- To clear the memory on the storage device, press ⌂ (**Home**), select **[Setup]** > **[Advanced]** > **[Clear Memory]**.

Data files

Your home theatre can play pictures, audio and video files contained in a disc or a USB storage device. Before you play a file, check that the file format is supported by your home theatre (see 'File formats' on page 19).

1 Play the files from a disc or USB storage device.

2 To stop play, press ■.
- To resume the video from where you stopped, press ▶ (**Play**).
- To play the video from the start, press **OK**.

Note

- To play DivX DRM protected files, connect your home theatre to a TV through an HDMI cable.

Subtitles

If your video has subtitles in multiple languages, select a subtitle language.

Note

- Make sure that the subtitle file has exactly the same name as the video file. For example, if the video file is named 'movie.avi', name the subtitle file 'movie.srt' or 'movie.sub'.
- Your home theatre supports the following file formats: .srt, .sub, .txt, .ssa, .ass, smi and .sami. If the subtitles do not appear correctly, change the character set.

1 While playing video, press **SUBTITLE** to select a language.

2 For DivX videos, if the subtitles do not appear correctly, continue with the following steps to change the character set.

3 Press **OPTIONS**.
↳ The options menu is displayed.

4 Select **[Character Set]**, and then select a character set that supports the subtitles.

Europe, India and Russia

Character Set	Language
[Standard]	English, Albanian, Danish, Dutch, Finnish, French, Gaelic, German, Italian, Kurdish (Latin), Norwegian, Portuguese, Spanish, Swedish and Turkish
[Central Europe]	Albanian, Croat, Czech, Dutch, English, German, Hungarian, Irish, Polish, Romanian, Slovak, Slovene and Sorbian
[Cyrillic]	Bulgarian, Belorussian, English, Macedonian, Moldavian, Russian, Serbian and Ukrainian
[Greek]	Greek

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VOD code for DivX

Before you purchase DivX videos and play them on your home theatre, register the home theatre on www.divx.com using the DivX VOD code.

1 Press ⌂ (**Home**).
2 Select **[Setup]**, and then press **OK**.
3 Select **[Advanced]** > **[DivX® VOD Code]**.
↳ The DivX VOD registration code for your home theatre is displayed.

USB storage devices

Enjoy pictures, audio and video stored on a USB storage device such as an MP4 player or digital camera.

What you need

- A USB storage device that is formatted for FAT or NTFS file systems and complies with the Mass Storage Class.
- A media file in one of the supported file formats (see 'File formats' on page 19).

Note

- If you use a USB extension cable, USB HUB or USB multi-reader, the USB storage device may not be recognised.

1 Connect a USB storage device to the ⇠ (**USB**) connector on your home theatre.
2 Press ⌂ (**Home**).
3 Select **[browse USB]**, and then press **OK**.
↳ A content browser is displayed.
4 Select a file, and then press **OK**.
5 Press the play buttons to control play (see 'Play buttons' on page 10).

Audio, video and picture options

Use advanced features when you play pictures, audio and video files from a disc or a USB storage device.

Audio options

While playing audio, repeat an audio track, a disc or a folder.

1 Press **OPTIONS** repeatedly to cycle through the following functions:
- **RPT TRACK** / **RPT FILE**: Repeat the current track or file.
- **RPT DISC** / **RPT FOLDER**: Repeat all the tracks on the disc or the folder.
- **RPT RANDOM**: Play audio tracks in random order.
- **RPT OFF**: Turn off the repeat mode.

Video options

While watching video, select options such as subtitles, audio language, time search and picture settings. Depending on the video source, some options are not available.

1 Press **OPTIONS**.
↳ The video options menu is displayed.
2 Press the **Navigation buttons** and **OK** to select and change:
- **[Audio Language]**: Select audio language for video.
- **[Subtitle Language]**: Select subtitle language for video.
- **[Subtitle Shift]**: Change the subtitle position on the screen.
- **[Info]**: Display information about what is playing.
- **[Character Set]**: Select a character set that supports the DivX subtitle.
- **[Time Search]**: Skip to a specific part of the video by entering the time of the scene.
- **[2nd Audio Language]**: Select the second audio language for Blu-ray video.
- **[2nd Subtitle Language]**: Select the second subtitle language for Blu-ray video.
- **[Titles]**: Select a specific title.
- **[Chapters]**: Select a specific chapter.
- **[Angle List]**: Select a different camera angle.
- **[Menus]**: Display the disc menu.
- **[PIP Selection]**: Display Picture-in-Picture window when playing a Blu-ray disc that supports the Bonus View.
- **[Zoom]**: Zoom into a video scene or picture. Press the **Navigation buttons** (left/right) to select a zoom factor.
- **[Repeat]**: Repeat a chapter or title.

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- **[Repeat A-B]**: Mark two points within a chapter or track to repeat play, or turn off the repeat mode.
- **[Picture Settings]**: Select a predefined colour setting.

Picture options

While viewing a picture, zoom into the picture, rotate it, add animation to a slideshow and change the picture settings.

1 Press **OPTIONS**.
   ↳ The picture options menu appears.

2 Press the **Navigation buttons** and **OK** to select and change the following settings:
- **[Rotate +90]**: Rotate the picture 90 degrees clockwise.
- **[Rotate -90]**: Rotate the picture 90 degrees anti-clockwise.
- **[Zoom]**: Zoom into a video scene or picture. Press the **Navigation buttons** (left/right) to select a zoom factor.
- **[Info]**: Display picture information.
- **[Duration per slide]**: Select the display speed for each picture in a slide show.
- **[Slide Animation]**: Select animation for the slideshow.
- **[Picture Settings]**: Select a predefined colour setting.
- **[Repeat]**: Repeat a selected folder.

Musical slideshow

If the picture and audio files are from the same disc or USB storage device, you can create a musical slideshow.

1 Select an audio track, and then press **OK**.
2 Press **BACK**, and go to the picture folder.
3 Select a picture, and then press ▶ (**Play**) to start the slideshow.
4 Press ■ to stop slideshow.
5 Press ■ again to stop music.

Note

- Make sure that the picture and audio formats are supported by your home theatre (see 'File formats' on page 19).

Radio

Listen to FM radio on your home theatre, and store up to 40 radio stations.

Note

- AM and digital radio are not supported.
- If no stereo signal is detected, or if fewer than five stations are found, you are prompted to install the radio stations again.

1 Extend the FM antenna at the back of your home theatre and place it away from the TV or other sources of radiation.

2 Press **RADIO**.
   ↳ If you have already installed the radio stations, the last channel that you listened to is played.
   ↳ If you have not installed any radio stations, the message **AUTO INSTALL...PRESS PLAY** appears on the display panel. press ▶ (**Play**).

3 Use the remote control to listen or to change radio stations.

Button	Action
⏮ / ⏭ or **Alphanumeric buttons**	Select a preset radio station.
Navigation buttons	Left/Right: Search for a radio station. Up/Down: Fine tune a radio frequency.
■	Press to stop the installation of radio stations.
BACK	Press and hold to erase the preset radio station.
OPTIONS	Manual: 1) Press **OPTIONS**. 2) Press ⏮ / ⏭ to select your preset. 3) Press **OPTIONS** again to store the radio station. Automatic: Press and hold for three seconds to reinstall the radio stations.

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MP3 player

Connect an MP3 player to play audio files.

What you need

- An MP3 player.
- A 3.5-mm stereo audio cable.

1 Using the 3.5 mm stereo audio cable, connect the MP3 player to the **MUSIC iLINK** connector on your home theatre.

2 Press **AUDIO SOURCE** repeatedly until **MUSIC I-LINK** appears on the display panel.

3 Press the buttons on the MP3 player to select and play audio files.

YouTube videos

Enjoy YouTube videos through your home theatre.

1 Connect your home theatre to a home network with a high-speed Internet access (see 'Connect and set up a home network' on page 9).

2 Press ⌂ (**Home**).

3 Select **[YouTube]**, and then press **OK**.
↳ The YouTube Leanback page is displayed.

4 Follow the onscreen instructions to browse the YouTube page.

5 Use the remote control to select and navigate the application.

Button	Action
Navigation buttons	Up: Access the onscreen keyboard. Down: Access the onscreen playback buttons. Left/Right: Select a video from the playlist.

- If you do not press a button within few seconds, the onscreen buttons and menu exit automatically.

6 Press ⌂ (**Home**) to exit the YouTube page.

Picasa web albums

Access Picasa Web Albums through your home theatre.

What you need

- An account with Picasa Web Albums.

1 Connect your home theatre to a home network with Internet access (see 'Connect and set up a home network' on page 9).

2 Press ⌂ (**Home**).

3 Select **[Picasa]**, and then press **OK**.

4 Log in to your Picasa web account.
- The first time you log in, select **[New user]**, and then enter your username and password. Save your login information for subsequent use.
- If you have logged in before, select a stored username and enter the password.

5 Select the onscreen options to view the albums or photos.

6 Press ⌂ (**Home**) to exit Picasa menu.

View slideshow

1 Select **[My photos]** from the Picasa menu, and then press **OK**.
↳ The photo albums in your Picasa Web Albums are displayed.

2 Select a photo, and then press **OK** to view the photo in full screen.

3 Press **OK** again to view the photos in a slideshow.

4 While viewing a slideshow, press **OPTIONS** to access more play options.

5 Press ⮌ **BACK** to return to the previous screen.

Choose sound

This section helps you choose the ideal sound for your video or music.

1 Press ♫ **SOUND SETTINGS**.

2 Press the **Navigation buttons** (left/right) to access the sound options on the display.

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Sound settings	Description
SOUND	Select a sound mode.
SURROUND	Select surround sound or stereo sound.
TREBLE	Change the high frequency output.
MID	Change the middle frequency output.
BASS	Change the low frequency output.
AUD SYNC	Delay the audio to match the video.

3 Select an option, and then press **OK**.

4 Press ⮌ **BACK** to exit.
If you do not press a button within a minute, the menu exits automatically.

Sound mode

Select predefined sound modes to suit your video or music.

1 Press **SOUND SETTINGS**.

2 Select **SOUND**, and then press **OK**.

3 Press the **Navigation buttons** (up/down) to select a setting on the display:
- **MOVIE**: Enjoy a cinematic audio experience, specially enhanced for movies.
- **MUSIC**: Recreate the original recording environment of your music, in the studio or at a concert.
- **ORIGINAL**: Experience the original sound of your movies and music, without added sound effects.
- **NEWS**: Hear every word with optimised speech and clear vocals.
- **GAMING**: Enjoy thrilling arcade sounds, ideal for action-packed video games or loud parties.

4 Press **OK** to confirm.

Surround sound mode

Experience an immersive audio experience with surround sound modes.

1 Press **SOUND SETTINGS**.

2 Select **SURROUND**, and then press **OK**.

3 Press the **Navigation buttons** (up/down) to select a setting from your display:
- **AUTO**: Surround sound based on the audio stream.
- **5CH STER**: Enhanced stereo sound. Ideal for party music.
- **MULTI-CH**: Immersive multi-channel sound for an enhanced movie experience.
- **STEREO**: Two-channel stereo sound. Ideal for listening to music.

4 Press **OK** to confirm.

Equalizer

Change the high frequency (treble), mid frequency (mid) and low frequency (bass) settings of the home theatre.

1 Press **SOUND SETTINGS**.

2 Select **TREBLE**, **MID** or **BASS**, and then press **OK**.

3 Press the **Navigation buttons** (up/down) to change the frequency.

4 Press **OK** to confirm.

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5 Change settings

The home theatre settings are already configured for optimal performance. Unless you have a reason to change a setting, we recommend that you keep the default setting.

Note

- You cannot change a setting that is greyed out.
- To return to the previous menu, press BACK. To exit the menu, press (Home).

Language settings

1. Press (Home).
2. Select [Setup], and then press OK.
3. Select [Preference], and then press OK.
4. Press the Navigation buttons and OK to select and change:
   - [Menu Language]: Select a display language for the menu.
   - [Audio]: Select an audio language for the discs.
   - [Subtitle]: Select a subtitle language for the discs.
   - [Disc Menu]: Select a menu language for the discs.

Note

- If your preferred disc language is not available, select [Others] from the list and enter the 4-digit language code found at the end of this user manual.
- If you select a language that is not available on a disc, the home theatre uses the default language of the disc.

Picture and video settings

1. Press (Home).
2. Select [Setup], and then press OK.
3. Select [Video], and then press OK.
4. Press the Navigation buttons and OK to select and change:
   - [TV Display]: Select a picture format to fit the TV screen.
   - [HDMI Video]: Select the resolution of the video signal that is output from HDMI OUT (ARC) on your home theatre. To enjoy the selected resolution, make sure that your TV supports the selected resolution.
   - [HDMI Deep Color]: Recreate the natural world on your TV screen by displaying vivid images using billions of colours. Your home theatre must be connected to a Deep Color enabled TV through an HDMI cable.
   - [Picture Settings]: Select pre-defined colour settings for the video display.
   - [Watch 3D video]: Set HDMI video to support 3D or 2D video.

Note

- If you change a setting, make sure that the TV supports the new setting.

Audio settings

1. Press (Home).
2. Select [Setup], and then press OK.
3. Select [Audio], and then press OK.
4. Press the Navigation buttons and OK to select and change:
   - [Night Mode]: For quiet listening, decrease the volume of loud sounds on your home theatre. Night mode is only available for Dolby-encoded DVD and Blu-ray discs.
   - [HDMI Audio]: Set the HDMI audio output from your TV, or disable HDMI audio output from the TV.
   - [Default sound settings]: Restore the equaliser settings of all the sound modes to the default values.

Parental control settings

1. Press (Home).
2. Select [Setup], and then press OK.

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3 Select **[Preference]**, and then press **OK**.
4 Press the **Navigation buttons** and **OK** to select and change:
- **[Change Password]**: Set or change your password for parental control access. If you do not have a password or have forgotten your password, enter **0000**.
- **[Parental Control]**: Restrict access to discs that are recorded with age ratings. To play all discs, irrespective of the ratings, select **8** or **[Off]**.

Display settings

1 Press **Home**.
2 Select **[Setup]**, and then press **OK**.
3 Select **[Preference]**, and then press **OK**.
4 Press the **Navigation buttons** and **OK** to select and change:
- **[Auto Subtitle Shift]**: Enable or disable automatic repositioning of subtitles on TVs that support this feature.
- **[Display Panel]**: Set the brightness of the home theatre front panel display.
- **[VCD PBC]**: Enable or disable the content menu navigation of VCD and SVCD discs with Play Back Control feature.

Energy saving settings

1 Press **Home**.
2 Select **[Setup]**, and then press **OK**.
3 Select **[Preference]**, and then press **OK**.
4 Press the **Navigation buttons** and **OK** to select and change:
- **[Screen Saver]**: Switch the home theatre to screen saver mode after 10 minutes of inactivity.
- **[Auto Standby]**: Switch the home theatre to standby after 30 minutes of inactivity. This timer only works when a disc or USB play is paused or stopped.
- **[Sleep Timer]**: Set the duration of the sleep timer so that the home theatre is switched to standby after the specified period.

Speaker settings

1 Press **Home**.
2 Select **[Setup]**, and then press **OK**.
3 Select **[Advanced]**, and then press **OK**.
4 Press the **Navigation buttons** and **OK** to select and change:
- **[Enhanced Audio]**: Select **[On]** to enable audio post processing on the speaker and enable karaoke settings (if your product supports Karaoke). To play the original audio of the disc, select **[Off]**.

Tip

- Enable audio post processing before you select a predefined sound mode (see 'Sound mode' on page 15).

Restore default settings

1 Press **Home**.
2 Select **[Setup]**, and then press **OK**.
3 Select **[Advanced]** > **[Restore Default Settings]**, and then press **OK**.
4 Select **[OK]**, and then press **OK** to confirm.
↳ Your home theatre is reset to its default settings except for some settings, such as parental control and DivX VOD registration code.

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6 Update software

Philips continually tries to improve its products. To get the best features and support, update your home theatre with the latest software.

Compare the version of your current software with the latest version on www.philips.com/support. If the current version is lower than the latest version available on the Philips support website, upgrade your home theatre with the latest software.

Caution

- Do not install a lower version of software than the version currently installed on your product. Philips is not liable for problems caused due to software downgrading.

Check software version

Check the version of the software currently installed on your home theatre.

1. Press ⌂ (**Home**).
2. Select **[Setup]**, and then press **OK**.
3. Select **[Advanced]** > **[Version Info.]**, and then press **OK**.
   ↳ The software version is displayed.

Update software through USB

What you need

- A USB flash drive that is FAT or NTFS-formatted, with at least 75 MB of memory. Do not use a USB hard drive.
- A computer with Internet access.
- An archive utility that supports the ZIP file format.

Step 1: Download the latest software

1. Connect a USB flash drive to your computer.
2. In your web browser, go to www.philips.com/support.
3. At the Philips Support website, find your product and locate the **Software and drivers**.
   ↳ The software update is available as a zip file.
4. Save the zip file in the root directory of your USB flash drive.
5. Use the archive utility to extract the software update file in the root directory.
   ↳ The files are extracted in the **UPG_ALL** folder on your USB flash drive.
6. Disconnect the USB flash drive from your computer.

Step 2: Update the software

Caution

- Do not switch off the home theatre or remove the USB flash drive during the update.

1. Connect the USB flash drive containing the downloaded file to your home theatre.
   - Make sure that the disc compartment is closed and that there is no disc inside.
2. Press ⌂ (**Home**).
3. Select **[Setup]**, and then press **OK**.
4. Select **[Advanced]** > **[Software Update]** > **[USB]**.
5. Follow the onscreen instructions to confirm the update.
   ↳ Once complete, the home theatre automatically switches off and restarts. If it does not, disconnect the power cord for a few seconds and then reconnect it.

Update software through the Internet

1. Connect your home theatre to a home network with a high-speed Internet access (see 'Connect and set up a home network' on page 9).
2. Press ⌂ (**Home**).
3. Select **[Setup]**, and then press **OK**.
4. Select **[Advanced]** > **[Software Update]** > **[Network]**.
   ↳ If upgrade media is detected, you are prompted to start or cancel the update.
5. Follow the onscreen instructions to confirm the update.
   ↳ Once complete, the home theatre automatically switches off and restarts. If it does not, disconnect the power cord for a few seconds and then reconnect it.

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7 Product specifications

Note

- Specifications and design are subject to change without notice.

Region codes

The type plate on the back or bottom of the home theatre shows which regions it supports.

Country	DVD	BD
Europe, United Kingdom	ALL, 2	B
Asia Pacific, Taiwan, Korea	ALL, 3	A
Latin America	ALL, 4	A
Australia, New Zealand	ALL, 4	B
Russia, India	ALL, 5	C
China	ALL, 6	C

Media formats

- AVCHD, BD, BD-R/ BD-RE, BD-Video, DVD-Video, DVD+R/+RW, DVD-R/-RW, DVD+R/-R DL, CD-R/CD-RW, Audio CD, Video CD/SVCD, Picture files, MP3 media, WMA media, DivX Plus HD media, USB storage device

File formats

- Audio: .aac, .mka, .mp3, .wma, .wav
- Video: .avi, .divx, .mp4, .mkv, .asf, .mpg, .mpeg
- Picture: .jpg, .jpeg, .gif, .png

Audio formats

Your home theatre supports the following audio files.

Extension	Container	Audio codec	Bit rate
.mp3	MP3	MP3	32 kbps ~ 320 kbps
.wma	ASF	WMA	64 kbps ~ 160 kbps
.aac	AAC	AAC, HE-AAC	192 kbps
.wav	WAV	PCM	1.4 Mbps
.m4a	MKV	AAC	192 kbps
.mka	MKA	PCM	27.648 Mbps
.mka	MKA	Dolby Digital	640 kbps
.mka	MKA	DTS core	1.54 Mbps
.mka	MKA	MPEG	912 kbps
.mka	MKA	MP3	32 kbps ~ 320 kbps
.mka	MKA	WMA	64 kbps ~ 160 kbps
.mka	MKA	AAC, HE-AAC	192 kbps

Video formats

If you have a high definition TV, your home theatre allows you to play your video files with:

- Resolution: 1920 x 1080 pixels at
- Frame rate: 6–30 frames per second.

.avi files in AVI container

Audio codec	Video codec	Bit rate
PCM, Dolby Digital, DTS core, MP3, WMA	DivX 3.11, DivX4.x, DivX5.x, DivX6.x	10 Mbps max
	MPEG 1, MPEG 2	20 Mbps (peak 40 Mbps)
	MPEG 4 ASP	10 Mbps max
	H.264/AVC HP@4.1/4.0; MP@3.2/3.1/3.0	20 Mbps (peak 40 Mbps)

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.divx files in AVI container

Audio codec	Video codec	Bit rate
PCM, Dolby Digital, MP3, WMA	DivX 3.11, DivX4.x, DivX5.x, DivX6.x	10 Mbps max
	MPEG 1, MPEG 2	20 Mbps (peak 40 Mbps)
	MPEG 4 ASP	10 Mbps max

.mp4 or .m4v files in MP4 container

Audio codec	Video codec	Bit rate
Dolby Digital, MPEG, MP3, AAC, HE-AAC	MPEG 1, MPEG 2	20 Mbps (peak 40 Mbps)
	MPEG 4 ASP	10 Mbps max
	H.264/AVC HP@4.1/4.0; MP@3.2/3.1/3.0	20 Mbps (peak 40 Mbps)

.mkv files in MKV container

Audio codec	Video codec	Bit rate
PCM, Dolby Digital, DTS core, MPEG, MP3, WMA, AAC, HE-AAC	MPEG 1, MPEG 2	20 Mbps (peak 40 Mbps)
	MPEG 4 ASP	10 Mbps max
	H.264/AVC HP@4.1/4.0; MP@3.2/3.1/3.0	20 Mbps (peak 40 Mbps)

Amplifier

- Total output power: 300 W RMS (30% THD)
- Frequency response: 20 Hz-20 kHz / ±3 dB
- Signal-to-noise ratio: > 65 dB (CCIR)/ (A-weighted)
- Input sensitivity:
  - AUX: 2 V
  - Music iLink: 1 V

Video

- Signal system: PAL/NTSC
- HDMI output: 480i/576i, 480p/576p, 720p, 1080i, 1080p, 1080p24

Audio

- S/PDIF Digital audio input:
  - Coaxial: IEC 60958-3
  - Optical: TOSLINK
- Sampling frequency:
  - MP3: 32 kHz, 44.1 kHz, 48 kHz
  - WMA: 44.1 kHz, 48 kHz
- Constant bit rate:
  - MP3: 32 kbps - 320 kbps
  - WMA: 48 kbps - 192 kbps

Radio

- Tuning range:
  - Europe/Russia/China: FM 87.5-108 MHz (50 kHz)
  - Asia Pacific/Latin America: FM 87.5-108 MHz (50/100 kHz)
- Signal-to-noise ratio: FM 50 dB
- Frequency response: FM 200 Hz-12.5 kHz / ±6 dB

USB

- Compatibility: Hi-Speed USB (2.0)
- Class support: USB Mass Storage Class (MSC)
- File system: FAT16, FAT32, NTFS
- Maximum memory support: < 160 GB

Main unit

- Power supply:
  - Europe/China/Russia/India: 220-240 V~, 50 Hz
  - Latin America/Asia Pacific: 110-240 V~, 50-60 Hz
- Power consumption: 60 W
- Standby power consumption: ≤ 0.9 W
- Dimensions (WxHxD): 360 x 58 x 325 mm
- Weight: 2.4 kg

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Subwoofer

- Output power: 50 W RMS (30% THD)
- Impedance: 4 ohm
- Speaker drivers: 133 mm (5.25") woofer
- Dimensions (W x H x D): 160 x 265 x 265 mm
- Weight: 2.50 kg

Speakers

Centre speaker:

- Output power: 50 W RMS (30% THD)
- Speaker impedance: 4 ohm
- Speaker drivers: 1 x 63.5 mm (2.5") woofer
- Dimensions (W x H x D): 159 x 84.5 x 80 mm
- Weight: 0.35 kg

Front/Rear speaker:

- Output power: 4 x 50 W RMS (30% THD)
- Speaker impedance: 4 ohm
- Speaker drivers: 1 x 63.5 mm (2.5") woofer
- Dimensions (WxHxD): 84.5 x 159 x 80 mm
- Weight: 0.35 kg/each

Remote control batteries

- 2 x AAA-R03-1.5 V

Laser

- Laser Type (Diode): InGaN/AlGaN (BD), AlGaInP (DVD/CD)
- Wave length: 405 +7 nm/-7 nm (BD), 655 +10 nm/-10 nm (DVD), 790 +10 nm/-20 nm (CD)
- Output power (Max. ratings): 20 mW (BD), 6 mW (DVD), 7 mW (CD)

8 Troubleshooting

Warning

- Risk of electric shock. Never remove the casing of the product.

To keep the warranty valid, never try to repair the product yourself.
If you have problems using this product, check the following points before you request service. If you are still having problems, get support at www.philips.com/support.

Main unit

The buttons on the home theatre do not work.

- Disconnect the home theatre from the power supply for a few minutes, then reconnect.

Picture

No picture.

- Make sure that the TV is switched to the correct source for the home theatre.

No picture on a TV connected through HDMI.

- Make sure that the HDMI cable is not faulty. If it is faulty, replace it with a new cable.
- Press ⌂ (**Home**) and then **731** on the remote control to restore the default picture resolution.
- Change the HDMI video setting, or wait for 10 seconds for auto recovery (see 'Picture and video settings' on page 16).

Disc does not play high-definition video.

- Make sure that the disc contains high-definition video.
- Make sure that the TV supports high-definition video.
- Use an HDMI cable to connect to the TV.

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Sound

No sound from home theatre speakers.

- Connect the audio cable from your home theatre to your TV or other devices. You do not need a separate audio connection when the home theatre and TV are connected through an **HDMI ARC** connection.
- Set up the audio for the connected device (see 'Set up the audio' on page 9).
- Reset your home theatre to its factory settings (see 'Restore default settings' on page 17), then switch it off and switch on again.
- On your home theatre, press **SOURCE** repeatedly to select the correct audio input.

Distorted sound or echo.

- If you play audio from the TV through the home theatre, make sure that the TV is muted.

Audio and video are not synchronised.

- 1) Press **SOUND SETTINGS**. 2) Press the **Navigation buttons** (left/right) to select **AUD SYNC**, and then press **OK**. 3) Press the **Navigation buttons** (up/down) to synchronise the audio with the video.

Play

Cannot play a disc.

- Clean the disc.
- Make sure that the home theatre supports the type of disc (see 'Media formats' on page 19).
- Make sure that the home theatre supports the region code of the disc.
- If the disc is a DVD±RW or DVD±R disc, make sure that it is finalised.

Cannot play a DivX file.

- Make sure that the DivX file is encoded according to the 'Home Theatre Profile' with the DivX encoder.
- Make sure that the DivX file is complete.

DivX subtitles do not display correctly.

- Make sure that the subtitle file name is the same as the movie file name (see 'Subtitles' on page 11).
- Select the correct character set: 1) Press **OPTIONS**. 2) Select **[Character Set]**. 3) Select the supported character set. 4) Press **OK**.

Cannot read the contents of a USB storage device.

- Make sure that the format of the USB storage device is compatible with the home theatre.
- Make sure that the file system on the USB storage device is supported by the home theatre.

'No entry' or 'x' sign appears on the TV.

- The operation is not possible.

EasyLink does not work.

- Make sure that the home theatre is connected to a Philips brand EasyLink TV, and the EasyLink option is turned on (see 'Set up EasyLink (HDMI-CEC control)' on page 8).

When you switch on the TV, the home theatre automatically switches on.

- This behaviour is normal when you are using Philips EasyLink (HDMI-CEC). To make the home theatre work independently, switch off EasyLink.

Cannot access BD-Live features.

- Make sure that the home theatre is connected to a home network with Internet access (see 'Connect and set up a home network' on page 9).
- Make sure that the network is set up (see 'Set up the wired network' on page 9).
- Make sure that the Blu-ray disc supports BD-Live features.
- Clear memory storage (see 'BD-Live on Blu-ray' on page 11).

TV screen is black when you play a Blu-ray video or a DivX copy protected video.

- Make sure that the home theatre is connected to the TV through an HDMI cable.
- Switch to the correct HDMI source on the TV.

Poor playback on YouTube Leanback or Picasa.

- Make sure that the home theatre is connected to a home network and is properly set up (see 'Connect and set up a home network' on page 9).
- Make sure that the Internet connection speed is higher than 2 MBPS to obtain optimum performance.

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